

REMARKS/ARGUMENTS

Applicant has canceled claims 13-20 and hereby elects to prosecute the Group I claims without traverse, namely claims 1-12 and 21-26.

Claim 21 stands rejected under 35 U.S.C. §112, ¶2 as being indefinite. Applicant has amended claim 21 to indicate that the bus, address generator and arithmetic unit are included in the digital signal processor. Accordingly the rejection of claim 21 is overcome.

Claims 1 and 21 are objected to for lack of more detailed preambles. Applicant respectfully submits that the present preambles are proper, as Applicant is unaware of any requirement that the preambles provide such detail. If the Examiner can provide a statutory basis for the objection, Applicant will respectfully reconsider this objection.

Claims 1-6 and 21 stand rejected under 35 U.S.C. §103(a) over U.S. Patent No. 5,045,993 (Murakami). Applicant respectfully traverses the rejection. As to claim 1, Murakami does not teach or suggest, at least, a digital signal processor and a butterfly coprocessor coupled thereto to perform an operation scheduled by the digital signal processor. In this regard, the Office Action states that signal processor 404 of Murakami corresponds to the digital signal processor and host processor 403 corresponds to the butterfly coprocessor.

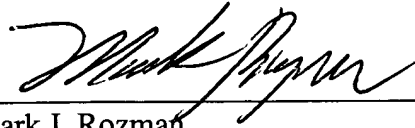
However, nowhere does Murakami teach or suggest that the host processor perform an operation scheduled by the signal processor 404. Instead, as described with regard to FIGS. 38 and 39 of Murakami (as referred to by the Office Action), "host processor 403 gives the signal processor 404 the hold request signal 405 requesting the temporary stop of instruction word execution." Murakami, col. 36, lns. 38-42. Accordingly, there is no teaching or suggestion in Murakami to perform an operation in the host processor scheduled by the signal processor. Nor is there any teaching or suggestion in Murakami that the host processor should be modified to be a butterfly coprocessor. Accordingly, claims 1-6 and 21 are patentable over Murakami.

Applicant gratefully acknowledges the indication that claim 22 and claims 7-12 and 23-26 contain allowable subject matter. In light of the comments above however, Applicant respectfully submits that all pending claims are patentable over the cited art.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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